

# LAKE MEREDITH NATIONAL RECREATION AREA

## PUBLIC USE REPORTING AND COUNTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by Lake Meredith National Recreation Area. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

### Recreation Visits

1. A pneumatic traffic counter is located on the entrance lane at Sanford-Yake. The traffic count is reduced for non-reportable vehicles (see Table 1) and multiplied by the persons-per-vehicle (PPV) multiplier of 3.5.
2. A pneumatic traffic counter is located on the entrance lane at Cedar Canyon. The traffic count is reduced for non-reportable vehicles (see Table 1) and multiplied by the PPV multiplier of 3.5.
3. A pneumatic traffic counter is located on the entrance lane at Spring Canyon. The traffic count is reduced for non-reportable vehicles (see Table 1) and multiplied by the PPV multiplier of 3.5.
4. A pneumatic traffic counter is located on the entrance lane at Fritch Fortress. The traffic count is reduced for non-reportable vehicles (see Table 1) and multiplied by the PPV multiplier of 3.5.
5. A pneumatic traffic counter is located on the entrance lane at Harbor Bay. The traffic count is reduced for non-reportable vehicles (see Table 1) and multiplied by the PPV multiplier of 3.5.
6. A pneumatic traffic counter is located on the entrance lane at McBride. The traffic count is reduced for non-reportable vehicles (see Table 1) and multiplied by the PPV multiplier of 3.5.
7. *Plum Creek traffic is estimated by using the regression formula of  $592 + 0.041$  times the Blue West traffic count. The estimated traffic count is multiplied by the PPV multiplier of 3.5.*
8. A pneumatic traffic counter is located on the entrance lane at Blue West. The traffic count is reduced for non-reportable vehicles (see Table 1) and multiplied by the PPV multiplier of 3.5.
9. A pneumatic traffic counter is located on the entrance lane at Bugbee Canyon. The traffic count is reduced for non-reportable vehicles (see Table 1) and multiplied by the PPV multiplier of 3.5.
10. A pneumatic traffic counter is located at Big Blue entrance road. The traffic count is divided by two to adjust for entering and exiting vehicles and reduced for non-reportable vehicles (see Table 1). The reduced traffic count is multiplied by the PPV multiplier of 3.5.
11. *North Canyon traffic is estimated by using the regression formula of  $0.21$  times the Sanford Yake traffic count minus 140. The estimated traffic count is multiplied by the PPV multiplier of 3.5.*

12. Rosita traffic is estimated by using the regression formula of  $1239 + 0.597$  times the Big Blue traffic count. The estimated traffic count is multiplied by the PPV multiplier of 3.5.

**Table 1**  
**Non-reportable Vehicle Count by Location and Season**

Location	January February March	April May June	July August September	October November December
Sanford-Yake	45	120	135	60
Cedar Canyon	45	90	135	60
Spring Canyon	30	80	120	30
Fritch Fortress	30	80	90	30
Harbor Bay	60	120	90	60
Alibates/McBride	35	60	90	60
Blue West	30	60	90	30
Big Blue	40	90	130	90
Bugbee Canyon	30	60	90	60

#### Recreation Visitor Hours

1. The number of recreation visits is multiplied by 2.3 hours.
2. The number of overnight stays is multiplied by 12 hours.

#### Overnight Stays

NPS Campgrounds - Blue West, Fritch Fortress, Harbor Bay, Sanford-Yake, Spring Canyon, and Cedar Creek

The number of tent site occupied is multiplied by the persons-per-site multiplier of 3.5.

The number of RV sites occupied is multiplied by the persons-per-site multiplier of 3.5.

NPS Backcountry -

The number of backcountry overnight stays at Bugbee, Plum Creek, Rosita, Bates, McBride, and Blue Creek.

NPS Miscellaneous -

The number of overnight stays at the following group camping areas

Blue West, Blue Creek, Bugbee, Plum Creek, Rosita, Bates Canyon, McBride, Sanford Yake,  
Cedar Canyon, Spring Canyon, Fritch Fortess, and Harbor Bay  
and boat overnight stays at Blue East, Plum Creek, Bates Canyon, McBride, South Canyon, and  
Fritch Canyon

#### Special Use Data

Line b. The number of motorcycles/dunebuggies

Line c. The number of hunters

Line d. The number of boat overnight stays

Line e. The number of group campers